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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/826,015	04/05/2001	Petter Ericson	3782-0102P	3839

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EXAMINER

PATEL, NITIN

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 08/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/826,015

Applicant(s)

ERICSON ET AL.

Examiner

Nitin Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 June 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5,8.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-34 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sklarew (U.S. Patent No. 5,157,737) In view of Dymetman (U.S. Patent No. 6,330,976).

As per claims 1,18 Sklarew shows a method for generating an association with regard to information which is arranged on at least one support provided with an position coding pattern, by means of a hand held device(keyboard) arranged to sense e position coding pattern, characterized by passing said handheld device over said support for sensing said position coding pattern (Infig.11d-f); sensing when said handheld device passes over a discontinuity (In fig.11f and 11h)in the position coding pattern; interpreting said discontinuity in the absolute position coding pattern; interpreting said discontinuity as an association regarding the information present on said support(In Fig.10).Sklarew does not show an absolute position information input device.Dymetman shows an absolute position input device (In fig.6a,6b).It would have been obvious to one of ordinary skill in the art at the time of the invention was made to allow the teaching of Dymetman's into the input device of Dklarew's because it would have an advantage to provide a automatic action appropriate to a physical object or data as a hardcopy in a no disruptive streamlined manner.

As per claims 2,19 Sklarew shows a method of characterized in that support comprises a first area in which absolute position coding pattern codes continuous first coordinates and that said information is provided on first area and is connected to first coordinate and in that said support comprises a second area provided with an absolute position coding pattern which codes second coordinates which are discontinuous with first coordinates; passing said handheld device in a single movement from one area to the other area, for sensing said discontinuity(In fig.11 d-f and 11f and 11h).

Sklarew does not show a method of characterized in that said action comprises sending the information as a message such as an e-mail, SMS or fax to a recipient.Dymetman shows (In col.3 lines 1-7). It would have been obvious to one of ordinary skill in that art, at the time of the invention was made to allow the teaching of Dymetman's into device of Sklarew's because it would have coupled to a networked computing device.

As per claims 3,20 Sklarew shows characterized in that said association involves that a predetermined action is undertaken on said information (In Fig.11a-c and 11d-f).

As per claims 4,5,6,21-23 Sklarew shows characterized in that receipt is defined in the information (In fig.11a).

As per claims 7, 24 Sklarew shows characterized in that said receipt is defined by the coordinates in said second area, which are connected to information about the receipt (In fig.11h).

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As per claims 8,25 Sklarew shows characterized in that said action comprises storing said information in a predetermined location in a computer system (In fig.3, 4).

As per claims 9,26 Sklarew shows characterized in that said location is a predetermined folder in a personal computer defined by the coordinates of the second area (In col.10 lines 5-20).

As per claims 10,27 Sklarew shows characterized in that said action comprises an operation to be performed on said information such as encryption or character recognition.

As per claims 11,28 Sklarew shows characterized in that said association involves a qualification of the information(In fig.12 1,b).

As per claims 12,29 Sklarew shows, characterized in that said qualification is selected from the group comprising: underline (vertical line in fig.11h).

As per claims 13,30 Sklarew shows characterized in that the information which is qualified is selected by passing said handheld device from said second area, to said first area and encircling said information to be qualified(In fig.11h and 11i).

As per claims 14,31 Sklarew shows characterized in that the information which is qualified is selected by passing said handheld device from said second area to said first area and encircling said information to be qualified and back to said second area (In Fig.11h and 11i information is shifted in first area of 11h).

As per claims 15,32 Sklarew shows characterized in that said first area comprises first information and that said second area comprises second information and

that said association involves that said first and second information are interconnected to a single piece of information (In fig.11h and 11i).

As per claims 16,33 Sklarew characterized in providing at least at least a further area comprising coordinates which are discontinuous with said first and second coordinates and passing said handheld device in a single movement over all areas (In fig.11d-f and 11a-c).

As per claims 17,34 Sklarew shows characterized in that said further area comprises a link to personal information (In fig.1).

Response to Arguments

3. Applicant's arguments filed on 06/18/2003 have been fully considered but they are not persuasive. Examiner would like to point out Sklarew's reference in which the line (In Fig.11G-H) is a group of pixels that become a line in which when you connect a pixel to a another pixel and become a full line in between there is continuity and discontinuity happening when you lift a pen over a touchscreen between two or three pixels to draw a line. Examiner had rejected the broadest independent claims by thinking broadly of the Sklarew reference.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 703-308-7024. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H Shalwala can be reached on 703-305-4938. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-9052 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9618.

NP
August 24, 2003

A handwritten signature in black ink, appearing to read 'Vijay Shankar', with a long horizontal flourish extending to the right.

VIJAY SHANKAR
PRIMARY EXAMINER